

AA.*168 to AA.*208.
3^d Nov^r '99 - 7th Jan^y 1900.

Hy. 3934 - Hy. 3970.

D. 3691 - D. 3694.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Stanley No 3934 D. L. 844
 No. 168 Date 3 Nov. 99
 Sigsbee Machine #1 Reel. Built up
 Turns 615 Cor. + 104 Depth 1719 fms
 Shot or lead 60

Bottom 350
 Bottom temperature 350

No. of thermometer 92449 Cor.
 Corrected temperature

Air 80 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.42.50	8.17.50	0		
43.30	16.00	100		
44.10	15.00	200		
45.00	14.00	300		
45.40	13.00	400		
46.30	12.05	500		
47.20	11.05	600		
48.10	10.00	700		
49.10	08.55	800		
50.10	07.45	900		
51.50	06.45	1000		
53.00	05.40	1100		
54.00	04.35	1200		
55.10	03.30	1300		
56.10	02.20	1400		
57.10	8.01 =	1500		
58.15	59.50	1600		
58.30	7.59.40	1665		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

19° 54' South		144° 48' West
OK H.C.F.		6' East of Hermitile.
	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 26 Lat. $39^{\circ} 55'$ Long. $89^{\circ} 9'$

No. A. A. 169 Date Nov. 99
Singapore Machine. #1 Reel. Built up
Turns 551 Cor. + 43 Depth 594 fms

Shot at lead 35°

Bottom Cr. Coral Sd

Bottom temperature 39.5°

No. of thermometer 9244 q. Cor.

Corrected temperature

Air 88 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.10.	21.30	0		
10.50	20.35	100		
11.35	19.25	200		
12.30	18.30	300		
13.25	17.25	400		
14.30	16.20	500		
15.15	15.50	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

19° 54' South		144° 53' West	
OK	2500		
H.C.S.	2600		
3	2700	1' East of	
	2800	Herreshoffine.	
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
3600	153	3600	
551	110	3700	
3049	43	3800	
	551	3900	
	594	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hutchison Cat Log 89.9
 Hyd 3936.
 No. A.A. 170 Date 3 Nov. 99.
 Sigsbee Machine # Reel. Built
 Turns 175 Cor. + 14 Depth 89 fms
 Shot or lead 35#

Bottom Coral sand, Mangroves

Bottom temperature 62.1°

No. of thermometer 92449 Cor.

Corrected temperature

Air 81 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-55 =	59.30	0		
55.45	58.25	100		
56.30	57.25	175		
		200		
		300		
		400		
Recorder's watch				
4 min. fast		600	57	
deck - slow		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

19° 54' South

OK
Heg.
~~2~~

3600

~~175~~~~3425~~

153

139

~~14~~~~175~~

189

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

144° 59' West

3/10' West of
Herculeum

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hutchinson Pat Log 94.9.

No. 3937.

No. A.A. 171 Date 3 Nov. 99.
Sister Machine #1 Reel. Built Up

Turns 1586 Cor. + 102 Depth 1688 fms

Shot or lead 60#

Bottom Slat. Lg. Mung Par. St Bar.

Bottom temperature 35.3

No. of thermometer 92449 Cor.

Corrected temperature

Air 81 Surface 78 Drift

Trawl or dredge

P.M	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
2	36.30	09.40	0		
	37.25	08=	100		
	38.10	07.20	200		
	38.55	06.10	300		
	39.45	05.05	400		
	40.35	04=	500		
	41.30	03=	600		
	42.20	02=	700		
	43.20	3-01=	800		
	44.15	30 P.M.	900		
	45.15	59=	1000		
	46.15	57.55	1100		
	47.20	56.50	1200		
	48.20	55.40	1300		
	49.30	54.35	1400		
	50.35	53.35	1500		
	51.10	52.30	1586 1600		
			1700		
			1800		
			1900		deck -
			2000		
			2100		
			2200		
			2300		
			2400		

Recorder's watch
4 min. fast
clock

19° 50' South		2500	145° 03' West
OL		2600	
SLCS.		2700	
		2800	5 3/10' N of Hekuhetue
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
3600	153		
1586	51		
2014	10.2		
	1586		
	1688		
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Sounding Log No. 449

No. 66 Date 27/08/17
 Machine Reel. Knit-felt
 Turns 195 Cor. + 127 Depth 23 fms
 Shot or lead 60 ft

Bottom ~~Vol. M.L.~~ Silt
 Bottom temperature 35°

No. of thermometer 924.49 Cor.

Corrected temperature

Air 79 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10. 61.00	10. 53.10	0		
06.00	51.00	100		
06.00	51.00	200		
61.00	50.10	300		
08.40	49.05	400		
01.20	49.05	500		
10.30	47.30	600		
11.25	46.30	700		
12.25	45.30	800		
11.25	44.30	900		
14.25	43.20	1000		
15.30	42.10	1100		
16.35	41.05	1200		
17.40	40.05	1300		
16.0	39.00	1400		
16.05	38.60	1500		
16.05	36.50	1600		
17.15	35.40	1700		
23.20	34.30	1800		
24.0	33.30	1900		
21.15	32.20	2000		
26.55	31.10	2100		
10.23.10	10.21.50	2195		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

OK
91.5
2600 125
2195 126
14015 127
2196 128
2222 129

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Altimeter 5-3691. Date 4/1
 No. 200173 Machine Reel. 1000 ft.
 Dredge Shot or lead 60 pounds
 Bottom Sol. Mud S. G. East Pa.
 Bottom temperature 34.8°
 No. of thermometer 924440 Cor.
 Corrected temperature
 Air 77° Surface 78° Drift
 Trawl or dredge Dredge deck

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.50.30	6.402	0	10	44.45
6.00.15	4810	100	04.30	12. 50.15
		100	07.30	56.40
		200	10.30	52.55
		300	13.45	49.2
		400	16.50	44.50
15	44.5	500	21.50	40.40
		600	24.4	36.20
0.500	42.2	700	26.40	31.10
0.600	11.20	800	28.40	32.40
3.55	40.1	900	30.	32.50
		1000	33.15	37.50
		1100	35.4	46.20
		1200	37.40	51.20
		1300	41.10	56.20
		1400	44.10	60.20
1.2		1500	46.10	64.20
		1600	48.10	68.20
15.15	31.05	1700	51.20	56.20
		1800	50.40	51.15
17.35	28.50	1900	54-	46.10
18.40	27.40	2000	57-	41.40
19.50	26.40	2100	58.30	37.35
21.05	25.30	2200	53.10	31.45
	23.00	2300	55.50	37.20
		2400	59-	33.20

98° 55' South 146° E

Oil
6000

3650
2600
2500
2400
2300
2200
2100
2000
1900
1800
1700
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
50
25

2500	8.12.05	16.45
2600	15.10	11.30
2700	18.40	10.05.40
2800	21.30	59.50
2900	24 =	55.10
3000	26.40	50 =
3100	27.10	45.20
3200	32 =	40.10
3300		
3400		
3500		
3600		
3700		
3800		
3900		
4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Sea flat at 1.16. AM
" " in 9.36 "

This stretched 29 fms.
Lost me chain 100 ft.

18-3691.

No. 173 Date 4 Nov. 99

Machine. Recl.

Turns	Cor. +	Depth
Shot or lead	173	Bottom
Bottom temperature		Corrected
No. of thermometer		Cor.
Corrected temperature		

Air	Surface	Drift
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Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
13,42,06	1.	0	17,42,06	14,30
47,30	19,46	100	17,30	14,10
12,32,30	1,12,00	150	17,12,30	14,30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300		✓ ✓ ✓		
400		✓ ✓		
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Machine.

Reel.

Date

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

6, Q SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

04174 Date 11

Machine. 1 Reel. 100

Turns/rope Cor. + 118 Depth 2011 fms

Shot or lead round

Bottom 112000 fms

Bottom temperature 35°

No. of thermometer 924449 Cor.

Corrected temperature

Air 79 Surface 80 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.00	11-40	0		
04.30	47.30	100		
5.30	46.30	200		
06.20	45.30	300		
	44.30	400		
	43.30	500		
09.20	42.20	600		
10.20	41.10	700		
11.20	40.00	800		
12.20	38.50	900		
		1000		
14.25	36.40	1100		
15.30	35.40	1200		
16.40	34.30	1300		
17.50	33.10	1400		
19.05	31.55	1500		
20.20	30.50	1600		
21.30	29.40	1700		
22.45	28.30	1800		
	27.15	1900		
24.55	26.20	1960		
		2100		
		2200		
		2300		
		2400		

18 28

147 11

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. R. B. 175 Date 5 Nov 1911
 Machine #1 Reel. 100 ft.
 Turns 2010 Cor. + 119 Depth 212 fms.
 Shot or lead 60 #

Bottom true bottom wind

Bottom temperature 34.8°

No. of thermometer 12449 Cor.

Corrected temperature

Air 75 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5. 53.40	06.10	0		
24.20	05 =	100		
25 =	14 =	200		
25.75	03 =	300		
26.3	02 =	400		
27.25	00.55	500		
28.20	6 A.M.	600		
	59 =	700		
	58 =	800		
57	56.55	900		
33.00	55.55	1000		
33.50	54.55	1100		
34.00	53.45	1200		
34.50	52.40	1300		
36.00	51.30	1400		
37.00	50.20	1500		
37.50	49.20	1600		
38.40	48.15	1700		
40.00	47.10	1800		
42.00	46 =	1900		
42.50	44.90	2000		
43.45	44.25	2100		
		2200		
		2300		
		2400		

18° 03' South

	2500	147.71	147.71
	2600		
	2700	147.71	147.71
	2800		
	2900		
	3000		
	3100		
	3200	3600	153
	3300	2010	34
	3400	1590	119
	3500	2010	2010
	3600		2129
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Pet Log

No. A. No. 176 Date 5 Nov. '99
 Machine #1 Reel. Built 2 ft.
 Turns Cor. + Depth
 Shot or lead
 Bottom
 Bottom temperature
 No. of thermometer 92.447 Cor.
 Corrected temperature
 Air 82 Surface Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000.

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	" NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Port 96.5

No. 15 A. 176 Date

Machine Reel

Turns Cor. + 600 Depth 030, 17/10

Shot or lead

Bottom 10 fms. & Great Sand.

Bottom temperature 35°

No. of thermometer 92 44.9 Cor.

Corrected temperature

Air 57 Surface 60 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
15.4	10	100		
16.30	29.10	200		
17.15	28.10	300		
18.10	28.10	400		
19.10	26.00	500		
	25.00	600		
21.10	23.50	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

17° 54'	Soult		148° 06' West	
2500				
2600				
2700			1 1/4 ' S E	87
2800			Mehetia	.
2900				
3000				
3100				
3200				
3300				
3400				
3500				
3600				
3700				
3800				
3900				
4000				

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

177

Date

10/4/07

Machine.

Reel.

Turns / Cor. + Depth 142

Shot or lead

38

Bottom

Bottom

Bottom temperature

69

No. of thermometer 92 6449 Cor.

Corrected temperature

Air 79 Surface 86 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
✓ 6.20	10,00,00	0		
✓ 7-10	58.40	100		
✓ 8-11	0.19.20	136		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

17° 51'

South

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

148° 08'

West

1/2' North of
Nehetia.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

195

Hutchinson

No.

Date

Cleopatra Machine.

Reel. / C.

Turns 1992 Cor. + 34 Depth 2111 fms.

Shot or lead 60

Bottom Vol. sand.

Bottom temperature 34.9°

No. of thermometer 14 Cor.

Corrected temperature

Air 83 Surface 81 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
42.50	26.10	0		
33.5	15.10	100		
	24 =	200		
	21.50	300		
	21.45	400		
	20.50	500		
	19.50	600		
	18.50	700		
	17.50	800		
	16.45	900		
	15.50	1000		
	14.45	1100		
	13.40	1200		
	12.40	1300		
	11.35	1400		
	10.30	1500		
	9.20	1600		
	8.15	1700		
4-00.50	07.05	1800		
32 =	05.45	1900		
33 =	4-04.20	1992 2000		
		2100		
		2200		
		2300		
		2400		

17° 46' South		148° 23' Great	
OK N.Y.			
2500			
2600			
2700			
2800			
2900			
3000			
3100			
3200			
3300			
3400			
3500			
3600			
3700			
3800			
3900			
4000			

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Portuguese 43.5

50 min.

No. 1191 Date 5 Nov. 1911
 Machine #1 Reel. Receipt like
 Turns 1650 Cor. + 105 Depth 1715 fms

Shot or lead 60

Bottom Dr. No. S.

Bottom temperature 35°

No. of thermometer 72444 Cor.

Corrected temperature

Air 81 Surface 80 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
41.35	41.30	0		
41.35	40.40	100		
41.10	41.10	200		
41.10	41.10	300		
41.10	41.10	400		
41.10	41.10	500		
50.5	15.05	600		
50.5	14.05	700		
50.50	13.00	800		
50.15	11.15	900		
54.15	10.40	1000		
55.15	6.20	1100		
56.15	01.25	1200		
57.21	07.16	1300		
58.25	05.14	1400		
59.30	04.30	1500		
800.35	03.00	1600		
01.20	102.20	1650		
		1700		
			1800	
			1900	
			2000	
			2100	
			2200	
			2300	
			2400	

17° 35'	South	2500	148° 48'	1783.57
OK		2600		
24C. 5.		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. W. G. 180 Date 11
 Sounded Machine 2 Reel. 15

Turns Cor. + 71 Depth 981

Shot or lead

Bottom 0 feet sand 0

Bottom temperature

No. of thermometer 424 + 4 Cor.

Corrected temperature

Air 89 Surface 71.9 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
52	10	0		
55.00	1630	100		
56.10	1630	200		
	430	300		
	320	400		
59.25	1210	500		
200.95	1110	600		
55	1010	700		
00.00	00.00	800		
700	17.50	900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

17° 30' South

2500	116.9	16.1	17.1
2600			
2700			
2800			
2900			
3000			
3100			
3200			
3300			
3400			
3500	46.2	2.11	
3600	31.5	1.5	
3700	31.8	1.5	
3800			
3900			
4000			

Between Paapeete &
Mora, S. from
18° 48' of 18° 15'

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

m.

No. *Surface* Date
Machine. *Reel.*

Turns *Cor. +* *Depth*

Shot or lead

Bottom

Bottom temperature

No. of thermometer *Cor.*

Corrected temperature

Air *Surface* *Drift*

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

16° 40' South

2500	151° 56' West
2600	
2700	About 5' N or of Hueheine.
2800	
2900	
3000	
3100	
3200	
3300	
3400	
3500	
3600	
3700	
3800	
3900	
4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2

No.

Date

Machine.

Reel.

Turns 2335 Cor. + 163

Depth 2418 fms.

Shot or load

68 lbs.

No specimen

Bottom

Bottom temperature 34.7°

No. of thermometer 92443

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
03.40	02.20	0		
05	01.05	100		
06.10		200		
06.20	55.05	300		
07.30	57.40	400		
08.40	56.40	500		
09.50	55.30	600		
10.50	57.30	700		
		800		
	51.00	900		
	51	1000		
	49.50	1100		
	49.10	1200		
		1300		
		1400		
		1500		
		1600		
		1700		
29.20		1800		
29.40	39.10	1900		
	37.50	2000		
	36.15	2100		
	34.30	2200		
	32.35	2300		
	31.05	2335		
		2400		

18° 54' Sout		162° 3' 1" W	
2500			
2600			
2700			
2800			
2900			
3000			
3100			
3200			
3300			
3400			
3500	46.75	21.6	
3600	23.35	21.8	
3700	23.58	21.3	
3800			
3900			
4000			

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Spring in sounding and
the water taken up to
men of bottom

S. - 9. 2.3.

No. 1. A. 182 Date Nov. 1893
 Machine. Reel.
 Turns 124 Cor. + 178 Depth 232 fms.
 Shot ~~overhead~~ 66 ft.
 Bottom Red Clay - Silt
 Bottom temperature 63.4 m.
 No. of thermometer 92.443 Cor.
 Corrected temperature
 Air 92 Surface 82 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
61.0		0	11.	
		100	5.5	
		200	6.5	
		300	10.10	
		400	11.5	
		500	12.5	
		600	13.5	
		700	14.5	
		800	15.5	
		900	16.5	
		1000	17.5	
		1100	18.5	
		1200	19.5	
		1300	20.5	
		1400	21.5	
		1500	22.5	
		1600	23.5	
		1700	24.5	
		1800		
		1900		
		2000		
		2100		
		2200		
10.01.10		2300		
0.01.10		2400		

18659	S.	16950	
05-20	12.00	2500	
06.50		2600	
		2700	
		2704	
		2900	
		3000	
		3100	17.04
		3200	19.1
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000	21.30	all		

REMARKS:

1. The bottom tank
2. took in balance of wire

Corrections readings for

#3 Built-up Reel.

No. Date 23 Nov 1899

Sightee Machine 3 Reel. Built-up.

Turns Cor. + Depth

Shot or lead

H.C.F.

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE	ROPE.
DOWN.	FT MRS.		FT MRS.	FT MRS.
60	48 - 2	2	1400	1415 + 15
100	98 - 2	2 ₁₀₀	50	67 + 17
	48 - 2	2 ₂₀₀	1500	1518 + 18
1200	148 - 2	2 ₃₀₀	50	70 + 26
	48 - 2	1 ₄₀₀	1600	1622 + 22
300	196 - 2	1 ₅₀₀	50	74 + 24
	48 - 2	1 ₆₀₀	1700	1726 + 26
1200	398 - 2	1 ₇₀₀	50	80 + 20
	48 - 1	0 ₈₀₀	1800	1828 + 20
	48 - 2	0 ₉₀₀	50	81 + 31
	48 - 1	0 ₁₀₀₀	1900	1933 + 33
60	99 - 1	1 ₁₁₀₀	50	85 + 35
50	40 - 0	1 ₁₂₀₀	2000	2037 + 37
700	790 - 0	2 ₁₃₀₀	50	89 + 39
50	514 - 1	2 ₁₄₀₀	2100	2141 + 41
800	812 - 2	2 ₁₅₀₀	50	93 + 43
50	53 - 3	2 ₁₆₀₀	2200	2244 + 44
90	904 - 4	2 ₁₇₀₀	50	97 + 47
50	85 - 5	2 ₁₈₀₀	2300	2349 + 49
1000	1006 + 6	2 ₁₉₀₀	50	101 + 51
50	87 + 7	2 ₂₀₀₀	2400	83 + 53
1100	1108 + 8	2 ₂₁₀₀	50	106 + 56
50	89 + 9	2 ₂₂₀₀	2500	87 + 57
1200	1210 + 10	2 ₂₃₀₀	50	1210 + 60
50	61 + 11	2 ₂₄₀₀	2600	62 + 62
1300	1312 + 12	2 ₂₅₀₀	50	1315 + 65
50	64 + 14	2 ₂₆₀₀	50	64 + 64

<u>Junes</u>	<u>Fines</u>	<u>Junes</u>	<u>Fines</u>	
2700	2768 +68 70 ₂₅₀₀	3500	3620 +120	
50.	2821 +71 73 ₂₆₀₀	50	74 +124	
2800	2874 +74 76 ₂₇₀₀	3600	3728 +128	
50.	2927 +77 79 ₂₈₀₀	50	82 +132	
2900	2980 +80 82 ₂₉₀₀	3700	3836 +136	
50	3033 +83 85 ₃₀₀₀	50	90 +140	
3000	3086 +86 86 ₃₁₀₀	3800	3944 +144	
50.	3139 +89 89 ₃₂₀₀	50	98 +148	
3100	3192 +92 94 ₃₃₀₀	3900	4052 +152	
50.	3245 +95 97 ₃₄₀₀	50	4106 +156	
3200	3298 +98 100 ₃₅₀₀	4000	4160 +160	
50.	3351 +101 103 ₃₆₀₀	50	4194 +164	
163300	3404 +104 106 ₃₇₀₀	4100	4244 +168	
17	50	57 +107 109 ₃₈₀₀	50	4332 +172
18.3400	3510 +108 112 ₃₉₀₀	4200	4386 +176	
20	50	67 +117 117 ₄₀₀₀	50	4431 +180

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100	64 41	two, in	10000	water bath,
200	61			
300	jammed between tongue & bed plate.			
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

54 mm. bulb, 1° less than 10000
 " " above water bath and
 tongue in bed plate.
 Gained 1°. Then 1° less
 " " at 10000.
 To accommodate itself to the
 twisted form.

No.	Date	Machine.	Reel.
Turns	Cor. +		Depth
Shot or lead			
Bottom			
Bottom temperature			
No. of thermometer			Cor.
Corrected temperature			
Air	Surface		Drift
Trawl or dredge			
SOUNDING WIRE.		TURNS.	DREDGE ROPE.
JUN 1	1 m -		
4300	4495 + 165	184	
50	4540 + 145	189	100
4400	94 + 194	200	
50	4649 + 199	300	
4500	4704 + 204	400	
50	59 + 209	500	
4600	4814 + 214	600	
50	69 + 219	700	
4700	4914 + 224	800	
50	79 + 229	900	
4800	5034 + 234	1000	
50	89 + 239	1100	
4900	51434 + 244	1200	
50	99 + 249	1300	
5000	5254 + 254	1400	
57	95 + 258	1500	
		1600	
		1700	
		1800	
		1900	
		2000	5174
		2100	5037
		2200	
		2300	257
		2400	

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200		037		
300		258		
400				
500		295		
600				
700				
800				
900				
1000				

REMARKS:

50.

Sounding

No. Date

Slaters Machine. 3 Recl. Built up

Turns Cor. + 183 Depth 2472

Shot or lead

Bottom Red Clay. Rock broken

Bottom temperature 33.9°

No. of thermometer 12 Cor.

Corrected temperature

Air 78 Surface 80 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	8	-3
		100	04.10	
		200	01.15	
		300	15	
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
7.80.10	3400	1100	35 =	5
		1200		
		1300		
		1400		
02.10.	28.50	1500	44 =	39.
	27.30	1600	46.20	3
07.10	26.50	1700	48.30	21
		1800		
29.45	23.10	1900	53 =	19.60
10.55	21.50	2000	55.30	18.50
12.15	20.20	2100	57.50	17.70
		2200	60.00	16.20
1.5	17.289	2300	61.40	14.00
		2400	66.10	12.00

19° 04' S. 167° 41' E.

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS

Water surface 41° 45' S.

On air min. 9° 55' S.

Nov 6, 1886 Date 26.

Scowline Machine. Reel. Bar

Turns Cor. + 216 Depth 3141

Shot or lead 6' C 11

Bottom 11' 3141

Bottom temperature 54° F

No. of thermometer 5 Cor.

Corrected temperature

Air Surface 80° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.01:50	2:20.50	0		
0.5:50	1:10	100		
03:15	18.20	200		
04:00	17.10	300		
04:50	16.10	400		
05:50	15.10	500		
06:40	14.05	600		
07:40	13.05	700		
	12.50	800		
09:45	10.50	900		
		1000		
11:45	08.35	1100		
12:50	07.25	1200		
14:00	06.10	1300		
15:00	04.40	1400		
16:10	03.20	1500		
17:20	01.40	1600		
18:30	01.00	1700		
19:40	58.30	1800		
	56.00	1900		
22:10	54.50	2000		
23:30	52.50	2100		
24:45	51.00	2200		
26:00	11.00	2300		
27:25	49.00	2400		

20° 15' S. Lat. 170° 00' E.

158	45.5	2500		
225	45.5	2600		
275	45.5	2700		
325	34.5	2800		
375	34.5	2900		
3435	36.5 - 2.00005	3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700	5	44.
		3800	11	6
		3900		
		4000	91	7

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine #3 Reel. 19111

Turns Cor. + 258.

Depth 411

Shot or lead

Bottom 74 Specimen

Bottom temperature

No. of thermometer 2443 Cor.

Corrected temperature

Air 74 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

	0		14.0
	100	20.30	54.10
	200		55.1
	300		45.40
	400		10.50
	500		06.35
	600		5
	700	53.00	59.05
	800	55.5	56.5
	900	57.40	5
	1000		5
	1100	8.05.50	43.40
	1200		5
	1300	05.45	35.55
	1400	07.35	31.45
	1500	09.15	27.30
05.30	1600	11.25	23.20
04.5	1700	13.10	19.45
2.30	1800	15.00	15.45
6-03.80	1900	15.00	5
59	2000	16.00	07.25
	2100	26.30	20.250
	2200	28.30	58.35
	2300	29.00	53.50
	2400	2	5

2500			111
2600			555
2700			555
2800			555
2900			555
3000			555
3100			13.43
3200	56.15		08.10
3300			
3400	6.10		
3500			111
3600	14.20		44.33
3700	11.40		34.25
3800	11.30		26.30
3900			111
4000			111

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS

No.

Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800	100	
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				03.0
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Krook's upper therm. bottle
bottom - about at 100 fms.
Wire detached 41 fms.

St. Paul's Passage Past Log 22:7

No.

Date

27 July 1900

Latitude

Machine. #3 Recl.

Turns 463 Cor. + 205

Depth 4540 fms.

Shot or lead 60#

Bottom

Bottom temperature

34.2

No. of thermometer 92449

Cor.

Corrected temperature 34.14°C

Air 76 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	9-17.15	0		
	16.65	100		
	11.05	200		
	12.15	300		
	12.10	400		
31.10	11.45	500		
	11.40	600		
	11.30	700		
	11.10	800		
34.55	10.60	900		
35.10	08.50	1000		
	04.35	1100		
37.20	08.10	1200		
35.00	01.50	1300		
35.00	01.00	1400		
	01.00	1500		
	01.00	1600		
43.20	01.00	1700		
	01.00	1800		
44.55	01.10	1900		
	02.30	2000		
47.00	01.10	2100		13
53.00	01.60	2200		
57.00	01.00	2300		
58.37	01.00	2400		
	6-47.70			

21° 18' S. 173° 01' E.

5.4.55	67.56	2500	
56.	67.56	2600	
57.35	67.56	2700	25
59.15	67.56	2800	
7.00.35	67.56	2900	
81.35	67.56	3000	
83.20	67.56	3100	
04.40	67.56	3200	
06.35	67.56	3300	
08.05	67.56	3400	
09.40	67.56	3500	
11.10	67.56	3600	
13.35	51.35	3700	
15.30	51.35	3800	
17.20	41.10	3900	
19 =	37.5	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	61.6	1000	1.00	61.6
100				26.0
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Continued

No. 24456 Date 27 Nov 97
 Sounding Machine 3 Reel. Buoy 46
 Turns 125 Cor. + 255 Depth 4520 fms
 Shot or lead 60 lb
 Bottom Lat 40 N

Bottom temperature

No. of thermometer 9 Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7-20-40	33.40	0		
7-25	29.50	100		
23 =	7-26-30	200 4285 5000		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		5000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

61
21
27
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200		5035		260
300		42.0		25.5
400		42.0		42.8
500				45.4
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Digsby

Machine. & Reel.

Turns Cor. +

Depth

Shot or lead 35

Bottom 0

Bottom temperature

No. of thermometer = = = Cor.

Corrected temperature

Air 76 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.1500	37.10	0		
16.0	35.20	100		
18.0	34.20	200		
21.00	33.10	300		
21.50	32.10	400		
21.50	31.0	500		
21.50	29.50	600		
26.00	22.90	600		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

18° 47' South 174° 15' W.

OK
H.C.G.
2

		2500	West of Vavau
		2600	Tonga
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Fischer

Machine.

Reel.

Turns

Cor. +

116

Depth

Shot or lead

60#

Bottom

Vol. mud. & grit. 3.

Bottom temperature

36.2

No. of thermometer

92449

Cor.

Corrected temperature

Air

Surface

79

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

18° 43' S. Lat.

175° 28' E.

91
94

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

57.95
12.95
6.770

2.62
1.41
1.11

12.6
5.51

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 104 Date Oct 11, 1891

Machine Reel. Number 11

Turns 111 Cor. + 211 Depth 413 / 1

Shot or lead 15 Dashed.

Bottom 150 fms. Lava & Sand. Temp. 11.6

Bottom temperature 14.2

No. of thermometer 92 44° C Cor.

Corrected temperature 1

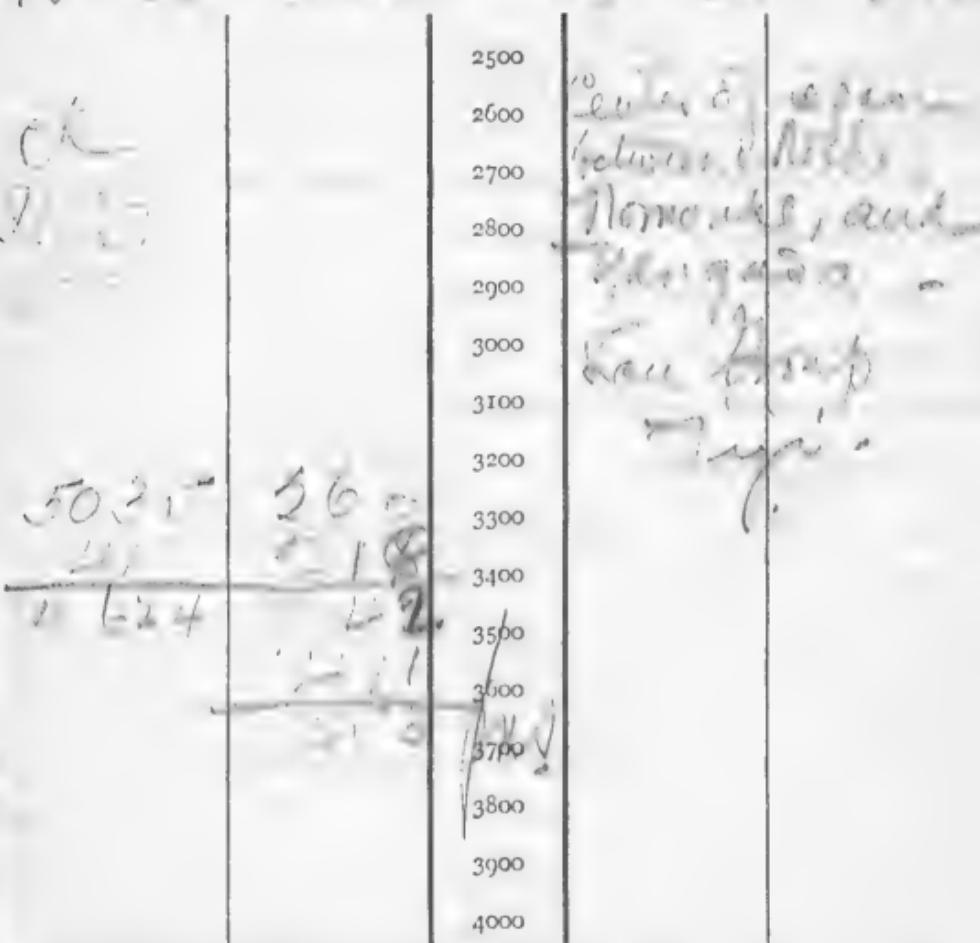
Air 80 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		411		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

18° 50' South 178° 28' West

CH
7.17



SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine. Reel.

Turns 174 Cor. + Depth 111

Shot or lead 35

Bottom 60 fms

Bottom temperature 17

No. of thermometer 4 16/4 Cor.

Corrected temperature

Air Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	10 -	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

18° 54' S. 178° 35' E.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

Bell Meff D
Gangas a great
Thermometer

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 191 Date 6-3-12 11971
 Machine. Recl. 101111 61
 Turns Cor. + 55 Depth 600
 Shot or lead 311
 Bottom 60 fms. Sait 12
 Bottom temperature 19.5
 No. of thermometer 12 Cor.
 Corrected temperature /
 Air 10 Surface 10 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
305		200		
07		300		
	13.110	400		
6	10	500		
-51		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

18° 58' S. Smith 178° 43' W.

OK
JLW

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

618/3° H (max)
from 716.9 and
Dowakha 56

5600
6000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date
Machine. Reel.

Turns 1400 Cor. + 41. Depth 450

Shot or lead 35.

Bottom Coral Bank

Bottom temperature 79.5°

No. of thermometer 92440 Cor.

Corrected temperature

Air 80 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		4500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15° 56' South

31K
HCD
→

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

178° 56' W.

2.7 miles

N 19° 31' (mag)
from El Arambo.
D. 21.11.11.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. A. A. 13 Date 7 Dec 19
 Sights Machine #3 Reel. Backlog 445.
 Turns 902 Cor. + 58 Depth 990 ft.
 Shot or lead 30 ft.
 Bottom 1000 ft. good sounding
 Bottom temperature 57°
 No. of thermometer 12449 Cor.
 Corrected temperature
 Air 82 Surface 80 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
933.50	58.15	0		
34.50	57 =	100		
35.50	55.50	200		
36.50	54.35	300		
37.50	53.20	400		
38.50	52.05	500		
39.50	50.50	600		
40.50	48.10	700		
41.50	48.10	800		
42.50	45.03	900		
43.51	45 =	902 1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

18° 56' 34" S. Lat.	2500.	17° 16' 37" E. Lon.
OK 1107	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
53 35 102 41 33	3800 3900 4000	INT

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

194

Date

Machine

Reel.

Turns 124 Cor. + 121

Depth 1445 fms.

Shot or lead 60 lb.

Bottom 300 ft.

Bottom temperature 35.6

No. of thermometer 92449

Cor.

Corrected temperature 35.1

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.

DOWN. UP. TURNS.

0 4.30

100 13.30

200 15.50

300 21.00

400 25.00

500 30.00

600 35.00

700 38.00

800 38.10

900 42.00

1000 44.00

1100 46.00

1200 53.00

1300 56.00

1400 59.00

1500 61.00

1600 63.00

1700 65.00

1800 67.00

1900 69.00

2000 71.00

2100 71.05

2200 72.00

2300 74.00

2400 76.00

DREDGE ROPE.

DOWN. UP.

4.30

13.30

15.50

21.00

25.00

30.00

35.00

38.00

38.10

42.00

44.00

46.00

53.00

56.00

59.00

61.00

63.00

65.00

67.00

69.00

71.00

71.05

72.00

74.00

76.00

12° 43' S 179° 58' W

08			2500	
13 24			2600	
27 11			2700	
			2800	
			2900	
			3000	
			3100	
			3200	
			3300	
			3400	
			3500	
			3600	
			3700	
			3800	
		V	3900	
			4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

W 50

REMARKS:

Waves at 100 fms. for 2 Min.
" " 9.20
Worst wave I found -
Dived yet
Waves less.

No.

35 Date 22 Dec 1899

Machine. Reel.

Turns

Cor. +

Depth

245

Shot or lead

26 ft

Bottom Coral

Bottom temperature

No. of thermometer

none Cor.

Corrected temperature

Air 86 Surface 86 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

245
300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

10° 47' S 179° 30' E

OK
H.C.S.2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000P.
10° 47' S 179° 30' E
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

The correction for number of times of this reading is 0.5° to be subtracted. The error is 1.0° from trend of water from hydrograph.

No.

Date

Machine. — Reel.

Turns — Cor. + — Depth —

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 92 Surface 88 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
15.0		100		
0.50	30.30	200		
	27.30	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500	31.9 (new)		
2600	31.7 (old)		
2700	31.8 (new)		
2800	31.7 (old)		
2900	31.8 (new)		
3000			
3100			
3200			
3300			
3400			
3500			
3600			
3700			
3800			
3900			
4000			

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

11 10-28 00

No. 6001 Date 5th Jan 1911
Machine #3 Reel. Built up.

Turns 3050 Cor. + 100 Depth 220 fms

Shot or lead 100

Bottom 35° very light sand

Bottom temperature 35°

No. of thermometer 72447 Cor.

Corrected temperature

Air 83 Surface 83 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2. 42.35	34.20	0		
43.50	33.00	100		
44.40	32.00	200		
45.50	31.00	300		
46.45	30.00	400		
47.45	29.00	500		
48.45	28.00	600		
49.45	27.00	700		
50.55	26.00	800		
51.55	25.00	900		
52.	24.00	1000		
53.00	23.00	1100		
55.25	21.00	1200		
57.25	20.25	1300		
58.25	19.25	1400		
59.50	18.50	1500		
01.45	15.55	1600		
03.10	15.35	1700		
04.30	14.10	1800		
05.30	12.20	1900		
07.10	10.40	2000		
08 =	84.50	20.50 2100		
		2200		
		2300		
		2400		

0° 30' S. 173° 35' E

2500		
2600	about	16 m
2700	N.W.	depth
2800		
2900		
3000		
3100		
3200		
3300		
3400	50.35	
3500	20.0	
3600	29.8	
3700		
3800		
3900		
4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

84

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

0° 46' N

173° 09' E

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

g m 85 of
Mariana

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

200 fms. at Log 692

No. 2 A 190 Date 2 July 1930

Machine. Reel.

Turns 375 Cor. + 38 Depth 443

Shot or lead

Bottom Cr. St. Dr. ab. Cr.

Bottom temperature

No. of thermometer 92444 Cor.

Corrected temperature 43.6° F.

Air 92 Surface 84 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
30000	1450	0		
27400	1340	100		
24300	1230	200		
21200	1115	300		
09000	1015	3705		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1° 12' N. 176° 05' S

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

Bd² Maiana
+ J arawa

375 222
4660 28
375
713

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

W.L. O.L.

No. A.A. 200 Date 2 Jan. 1900

Tanner Machine. Reel.

Turns 95 Cor. + 4 Depth 91 fms.

Shot or lead =

Bottom C.

Bottom temperature

No. of thermometer = Cor.

Corrected temperature

Air 86 Surface 84 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	95.	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1° 20' N 173° 03' E

		2500	
		2600	
		2700	1/2 m off south
		2800	Coast
		2900	Jarawa
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 281 Date 7/1/1901
Tanner Machine. Recl. 6
Turns 2 Cor. + 9 Depth 2

Shot or lead —

Bottom Coral

Bottom temperature —

No. of thermometer — Cor.

Corrected temperature

Air 76 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
737 fathoms	from 200 fms	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

10° 20' N 173° 04' E

~~10° 20' N~~

2500

abt $\frac{1}{2}$ m off

2600

South Coast

2700

of Jawa

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

507. 100 fms. 3' Jan 99

No. 202 Date 3" Jan 99
Sigebo, Machine 5 Reel. Built 1914
Turns 1439 Cor. + 130 Depth 1569 fms
Shot or lead 35 lbs
Bottom 35.3°
Bottom temperature 35.3°
No. of thermometer 1 Cor.
Corrected temperature
Air 36 Surface 84 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.15	54.20	0		
17	53.10	100		
17.10	51.55	200		
21.20	50.55	300		
21.20	49.20	400		
22.40	48.40	500		
24	47.35	600		
24.10	46.30	700		
26.10	45.25	800		
27.10	44.15	900		
28.55	43.00	1000		
30.25	41.50	1100		
32	40.40	1200		
33.50	39.20	1300		
35.30	38.50	1400		
36.20	37.20	1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1° 17' N

173° 09' E

2500	abt 5 m
2600	
2700	
2800	812° 8 (true)
2900	from 883 +
3000	
3100	
3200	
3300	
3400	
3500	5033
3600	1439
3700	3596
3800	
3900	
4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

~~Start~~ 11

No.

Date 4

Machine.

Recl.

Turns

Cor. +

16

Depth 170

Shot or lead

30

Bottom

depth

150

ft. fms.

Bottom temperature

51

No. of thermometer

92449

Cor.

Corrected temperature

Air 81 Surface 84 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
01.45		116		
01.15	60, 30	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1° 40' 30" N 172° 59' 30" E

11.07
S. C. H.

5031
154
5871

260
244
16
152
170

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

2 m South of
Apiau in
line with
N Pt of
Teraina

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Recl.

Turns / Cor. +

Depth

Shot or lead

35 #

Bottom

10 ft

Bottom temperature

34°

No. of thermometer 9244 Cor.

Corrected temperature

Air 85 Surface 84 Drift

Trawl or dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

1035

0

350

100

500

200

55

300

2400

400

450

500

600

600

2050

700

700

800

900

900

4425

1000

1150

1100

1150

1200

1300

1300

1300

1400

1500

1500

1600

1600

1700

1700

11200

1800

1200

1900

1400

2000

2100

2200

2300

2400

10 55 1 JV		17° 30' 15" Σ
11 05 1		
5 65	200	
11 82	450	
3	100	
	150	
	200	
	250	
	300	
	350	
	400	
	450	
	500	
	550	
	600	
	650	
	700	
	750	
	800	
	850	
	900	
	950	
	1000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

F Hutchinson C. I. S.
 No. 4 Date 4 Jan 1700
 Machine. Reel. Weight 11 lbs.
 Turns 92 Cor. + 89 Depth 45 fms.
 Shot or lead 35 lbs.

Bottom

Bottom temperature

No. of thermometer — Cor.

Corrected temperature —

Air 85 Surface 83 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2004 JV 17³⁰ 16' E

2500	1/2 m NW x N
2600	(true) of Monument
2700	on West Shore
2800	of Makaha'
2900	
3000	
3100	
3200	
3300	
3400	56.95
3500	57.2
3600	56.93
3700	
3800	
3900	
4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns.

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
05.20	30	500		
		600		
		700		
		800		
0		900		
		1000		
11.10	8.15	1100		
11.10	3.15	1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
11.10	11.10	2100		
		2200		
		2300		
		2400		

20° 27' N 173° 09' E

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Val Lot 5.2.

No.

Date

Machine #3 Reel.

Turns 1300 Cor. + 20 Depth

Shot or lead 6.0

Bottom 6.0

Bottom temperature 55.0°

No. of thermometer 921149. Cor.

Corrected temperature

Air 83 Surface 83 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN. UP. TURNS.

44.45.50 21.15 0

44.45 2000 100

45.45 18.50 200

46.45 17.30 300

49.30 16.00 400

52.50 14.50 500

51.25 12.50 600

52.25 11.15 700

53.20 09.30 800

54.25 07.40 900

55.30 06.00 1000

56.35 04.30 1100

57.40 03.25 1200

58.50 01.40 1300

59.30 5.01 - 13.39

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

20° 49' N 173° 01' E

OK
HCS
1/2

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

50.35
13.39
36.96

26.0
13.8
12.2
13.39
14.61

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. A. A. 208 Date 7 Jan. 1960
 Register Machine #3 Reel. Built Up.
 Turns 2300 Cor. + 186 Depth 2486 fms
 Shot or lead 60#
 Bottom It up Glob.
 Bottom temperature 34.7
 No. of thermometer 92449 Cor.
 Corrected temperature
 Air 89 Surface 83 Drift
 Trawl or dredge

PM.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
8-07.40	02.55	0			
08.30	01.40	100			
09.20	00.35	200			
10.05	59.30	300			
10.50	58.30	400			
11.45	57.20	500			
12.35	56.15	600			
13.30	55.10	700			
14.30	54.10	800			
15.30	53=	900			
16.35	51.50	1000			
17.40	50.30	1100			
18.45	49.10	1200			
19.50	48=	1300			
21.05	46.45	1400			
22.15	45.25	1500			
23.25	44.10	1600			
24.40	43=	1700			
25.55	41.45	1800			
27.10	40.30	1900			
28.25	39.10	2000			
29.45	37.50	2100			
31.15	36.30	2200			
32.40	34.25	2300			
		2400			

30° 59' N 172° 00' E

OK
HCS

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

5035
2300
2735

260
74
186
2300
2486

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		